



IDAHO DEPARTMENT
OF HEALTH AND WELFARE

DIVISION OF
ENVIRONMENTAL QUALITY

1410 North Hilton, Boise, ID 83706-1255, (208) 334-0502

Philip E. Batt, Governor

August 23, 1996

CERTIFIED MAIL #P 875 705 022

Sam Greene, Corporate Air Quality Engineer
Sinclair Oil Corporation
P.O. Box 30825
Salt Lake City, Utah 84130

RE: Sinclair Oil Corporation (Boise) - #9509-137-2
Tier II Operating Permit #001-00112

Dear Mr. Greene:

On September 12, 1995, the Division of Environmental Quality (DEQ) received an application for a Tier II Operating Permit (OP) from the Sinclair Oil Corporation (Sinclair). On October 12, 1995, this application was declared administratively complete. On February 13, 1996, a proposed Tier II OP was issued for public comment.

On April 29, 1996, DEQ received a formal request for a stay of permit issuance from Sinclair. This request was honored by DEQ. On June 17, 1996, DEQ received a submittal from Sinclair detailing revisions to the originally proposed Tier II OP.

Based on review of your application, state and federal rules and regulations, and comments received, DEQ finds this project meets the provisions of IDAPA 16.01.01.400. (Rules for the Control of Air Pollution in Idaho). Therefore, please find enclosed your Tier II OP (#001-00112) for the emission sources that exist at the facility.

DEQ has conferred with counsel, and determined that this permitting action will not require another formal public comment period, as Sinclair's June 17, 1996 submittal requested lower emission limits than those in the listed in the proposed Tier II OP.

You, as well as any other entity, may have the right to appeal this final agency action pursuant to the Idaho Department of Health and Welfare Rules, Title 5, Chapter 3, "Rules Governing Contested Case Proceedings and Declaratory Rulings," by filing a petition with the Hearings Coordinator, Department of Health and Welfare, Administrative Procedures Section, 450 West State Street - 10th Floor, Boise, Idaho 83720-5450, within thirty-five (35) days of the date of this decision.

If you have any questions regarding the terms or conditions of the enclosed permit, please contact Brian R. Monson, Chief, Operating Permits Bureau, at (208) 373-0502.

Sincerely,

Orville D. Green
Assistant Administrator
Permits and Enforcement

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Enclosure

cc: J. Palmer, SWIRO
Carl Ellsworth, City of Boise
Source File

COF

STATE OF IDAHO
AIR POLLUTION
OPERATING PERMIT

GENERAL INFORMATION

PERMIT NUMBER

001 - 00112

AQCR

064

CLASS

A2

SIC

5171

ZONE

11

UTM COORDINATE (km)

463 , 8630

1. **Permittee**
Sinclair Oil Corporation - Boise Terminal
2. **PROJECT**
Boise Terminal - Tier II Synthetic Minor Operating Permit for Hazardous Air Pollutants (HAPs) and Volatile Organic Compounds (VOCs)
3. **ADDRESS**
P.O. Box 30825
- TELEPHONE #**
(801) 524-2700
- COUNTY**
4. **CITY**
Salt Lake City
- STATE**
Utah
- ZIP CODE**
84130
5. **PERSON TO CONTACT**
Sam Greene
- TITLE**
Corporate Air Quality Engineer
6. **EXACT PLANT LOCATION**
712 North Curtis Road; Boise, Idaho
7. **GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS**
Bulk Gasoline and Distillate Fuel Oil Distribution
8. **GENERAL CONDITIONS**

This permit is issued according to the Rules for the Control of Air Pollution in Idaho, Section 16.01.01.40Q and pertains only to emissions of air contaminants which are regulated by the State of Idaho and to the sources specifically allowed to be operated by this permit.

THIS PERMIT HAS BEEN GRANTED ON THE BASIS OF OPERATION AND DESIGN INFORMATION MADE AVAILABLE TO THE DEPARTMENT. CHANGES IN DESIGN, OPERATION, OR EQUIPMENT THAT RESULT IN ANY CHANGE IN THE NATURE OR AMOUNT OF EMISSIONS, MUST BE APPROVED IN ADVANCE BY THE DEPARTMENT.

Shirley D. Green

ASSISTANT ADMINISTRATOR
DIVISION OF ENVIRONMENTAL QUALITY

DATE ISSUED AUGUST 23, 1996

DATE EXPIRES AUGUST 23, 2001

AIR POLLUTION OPERATING PERMIT

PERMIT NUMBER

PERMITTEE AND LOCATION

Sinclair Oil Corporation
Tier II Operating Permit
Boise, Idaho

001 - 00112

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Petroleum Product Storage Tanks and Other Associated Tanks

1. EMISSION LIMITS

- 1.1 Volatile Organic Compound (VOC) and Hazardous Air Pollutant (HAP) emissions shall not exceed the pound per hour (lb/hr) and ton per year (T/yr) values listed in Appendix A.

2. OPERATING REQUIREMENTS

2.1 Throughput Limitations

The throughput of petroleum products shall not exceed the quantities specified in Appendix B of this permit. The type of product stored in each tank shall be as specified in Appendix B.

3. MONITORING AND RECORDKEEPING REQUIREMENTS

3.1 Throughput Log

The following information shall be recorded and maintained on site for the most recent two (2) year period.

The Permittee shall record the type of product (gasoline or distillate fuel oil), the quantity (U.S. gallons), stored in each tank listed in Section 2.3 on Page 2 of 10 of this permit. This monitoring requirement shall not apply to Transmix Tank 400. This information is to be compiled on a monthly basis to establish compliance with the annual rolling throughput limitation.

A "month" shall commence on the first day of that calendar month at 0000 hours military time and end at 0000 hours military time on the first day of the following month.

4. REPORTING REQUIREMENTS

4.1 Throughput Log

Access to these records shall be granted to Department representatives upon request.

4.2 Semi-Annual Report

The Permittee shall compile the information required in Section 3.1 of Page 3 of 7 for a period of six (6) consecutive months in a report. This semi-annual report shall be submitted to the following within thirty (30) days of the end of the six (6) month period:

Division of Environmental Quality
Enforcement Bureau/Air Quality
1410 North Hilton
Boise, Idaho 83706-1290

Issued: AUGUST 23, 1996
Expires: AUGUST 23, 2001

AIR POLLUTION OPERATING PERMIT

PERMITTEE AND LOCATION

Sinclair Oil Corporation
Tier II Operating Permit
Boise, Idaho

PERMIT NUMBER

0	0	1	-	0	0	1	1	2
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The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Loading Rack

1. EMISSION LIMITS

1.1 Two Bay Loading Rack

VOC and HAP emissions from the loading rack shall not exceed the pound per hour (lb/hr) and the ton per year (T/yr) values listed in Appendix A.

2. OPERATING REQUIREMENTS

2.1 Throughput LimitationsGasoline

The maximum allowable throughput for gasoline petroleum product shall not exceed 25,500,000 U.S. gallons per year on a twelve (12) month rolling summation basis.

Distillate Fuel Oil

The maximum allowable throughput for distillate fuel oil petroleum product shall not exceed 570,276,000 U.S. gallons per year on a twelve (12) month rolling summation basis.

3. MONITORING AND RECORDKEEPING REQUIREMENTS

3.1 Throughput Log

The following information shall be recorded daily and maintained on site for the most recent two (2) year period.

The Permittee shall record the type of product (gasoline or distillate fuel oil) loaded into the carrier tanks by the loading rack system, and the quantity (U.S. gallons). This information is to be compiled on a monthly basis to establish compliance with the loading rack's twelve (12) month rolling summation throughput limitation.

A "month" shall commence on the first day of that calendar month at 0000 hours military time and end at 0000 hours military time on the first day of the following calendar month.

4. REPORTING REQUIREMENTS

4.1 Throughput Log

Access to these records shall be granted to Department representatives upon request.

4.2 Semi-Annual Report

The Permittee shall compile the information required in Section 3.1 of Page 5 of 7 for a period of six (6) consecutive months in a report. This semi-annual report shall be submitted to the following within thirty (30) days of the end of the six (6) month period:

Division of Environmental Quality
Enforcement Bureau/Air Quality
1410 North Hilton
Boise, Idaho 83706-1290

Issued: AUGUST 23, 1996
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APPENDIX A

Sinclair Oil Corporation - Boise

Emission Limits^a - Hourly (lb/hr) and Annual^b (T/yr)

Source Description	VOCs		Aggregated HAPS	
	(lb/hr)	(T/yr)	(lb/hr)	(T/yr)
1. Tank 401	0.48	2.12	0.019	0.084
2. Tank 404	0.48	2.12	0.019	0.084
3. Tank 411	0.48	2.12	0.019	0.084
4. Tank 421	0.48	2.12	0.019	0.084
5. Tank 431	0.48	2.09	0.017	0.073
6. Tank 402	0.11	0.49	0.003	0.012
7. Tank 405	0.11	0.49	0.003	0.012
8. Tank 406	0.11	0.49	0.003	0.012
9. Prover Tank	0.05	0.21	0.001	0.005
10. LOADING RACK: Gasoline Service	13.36	71.69	0.42	1.83
11. LOADING RACK: Distillate Fuel Oil Service	1.09	4.75	.0004	0.002

- a As determined by a pollutant specific U.S. EPA reference method, or DEQ approved alternative, or as determined by DEQ's emission estimation methods in this permit application.
- b As determined by multiplying the actual or allowable (if actual is not available) pound per hour emission rate by the allowable hours per year that the process(es) may operate, or by the actual annual production rates.

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Expires: AUGUST 23, 2001

APPENDIX B

Sinclair Oil Corporation - Boise

Allowable Petroleum Product Throughputs and Product Types

Source Description	Throughput* (U.S. gallons/year)	Product Type
Tank # 401	58,254,000	Gasoline or Distillate Fuel Oil
404	58,254,000	Gasoline or Distillate Fuel Oil
411	58,254,000	Gasoline or Distillate Fuel Oil
421	58,254,000	Gasoline or Distillate Fuel Oil
431	58,254,000	Gasoline or Distillate Fuel Oil
Tank # 402	168,630,000	Distillate Fuel Oil
405	168,630,000	Distillate Fuel Oil
406	168,630,000	Distillate Fuel Oil
Prover Tank	220,200	Gasoline or Distillate Fuel Oil
Loading Rack Gasoline Service	25,500,000	Gasoline
Loading Rack Distillate Fuel Oil Service	570,276,000	Distillate Fuel Oil

- a Allowable throughput is to be determined on a twelve (12) month rolling basis with compliance recordkeeping data compiled on a monthly basis.

Issued: AUGUST 23, 1996
Expires: AUGUST 23, 2001

OPERATING PERMIT GENERAL PROVISIONS

- A. All emissions authorized herein shall be consistent with the terms and conditions of this permit. The emission of any pollutant in excess of the limitations specified herein, or noncompliance with any other condition or limitation contained in this permit, shall constitute a violation of this permit and the **Rules for the Control of Air Pollution in Idaho**, and the Environmental Protection and Health Act, Idaho Code 39-101 et. seq.
- B. The Permittee shall at all times (except as provided in the **Rules for the Control of Air Pollution in Idaho**) maintain in good working order and operate as efficiently as practicable, all treatment or control facilities or systems installed or used to achieve compliance with the terms and conditions of this permit and other applicable laws for the control of air pollution.
- C. The Permittee shall allow the Director, and/or his authorized representative(s), upon the presentation of credentials:
- 1) To enter upon the Permittee's premises where an emission source is located, or in which any records are required to be kept under the terms and conditions of this permit; and
 - 2) At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit, to inspect any monitoring methods required in this permit, and to require stack emission testing (i.e., performance tests) in conformance with state approved or accepted EPA procedures when deemed appropriate by the Director.
- D. Except for data determined to be confidential under Section 39-111, **Idaho Code**, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the appropriate regional office of the Division of Environmental Quality.
- E. Nothing in this permit is intended to relieve or exempt the Permittee from compliance with any applicable federal, state, or local law or regulation, except as specifically provided herein.
- F. In the event of any change in control or ownership of source(s) from which the authorized emissions emanate, the Permittee shall notify the succeeding owner or controller of the existence of this permit by letter, a copy of which shall be forwarded to the Director.
- G. This permit shall be renewable on the expiration date, provided the Permittee submits any and all information necessary for the Director to determine the amount and type of air pollutants emitted from the equipment for which this permit is granted. Failure to submit such information within sixty (60) days after receipt of the Director's request shall cause the permit to be voided.
- H. The Director may require the Permittee to develop a list of Operation and Maintenance Procedures which must be approved by the Department. Such list of procedures shall become a part of this permit by reference, and the Permittee shall adhere to all of the operation and maintenance procedures contained therein.

Issued: AUGUST 23, 1996 Expires: AUGUST 23, 2001

- I. Performance tests (i.e.; air emission source tests) conducted pursuant to testing requirements in this permit must be conducted in accordance with the Department's **Procedures Manual for Air Pollution Control**. Such testing shall not be conducted on weekends or state holidays unless the Permittee obtains prior Department approval.

The Permittee shall submit a test protocol and a proposed test date for each performance test required by this permit to the Department for approval at least thirty (30) days prior to each respective test date (including each test date for periodic tests such as, for example, annual tests). The Permittee shall promptly notify the Department of any change in the proposed test date and shall provide at least five (5) working days advanced notice prior to conducting any rescheduled test, unless the Department approves a shorter notice period.

Within forty-five (45) days of the date on which a performance test required by this permit is concluded, the Permittee shall submit to the Department a performance test report for the respective test. The performance test report shall include any and all process operating data required to be recorded during the test period as well as the test results, raw test data, and associated documentation.

The maximum allowable source operating rate shall be limited to 120% of the average operating rate attained during the most recent performance test conducted pursuant to this permit which demonstrated compliance with the respective pollutant emission limit unless; (1) a more restrictive operating limit is specified elsewhere in this permit or; (2) at such an operating rate, emissions would exceed any emission limit(s) set forth in this permit.

- J. The provisions of this permit are severable; and if any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

Issued: AUGUST 23, 1996 Expires: AUGUST 23, 2001
